

Water Resources, Joint Legislative Task Force Briefing on The City of Sumner's Pilot Project

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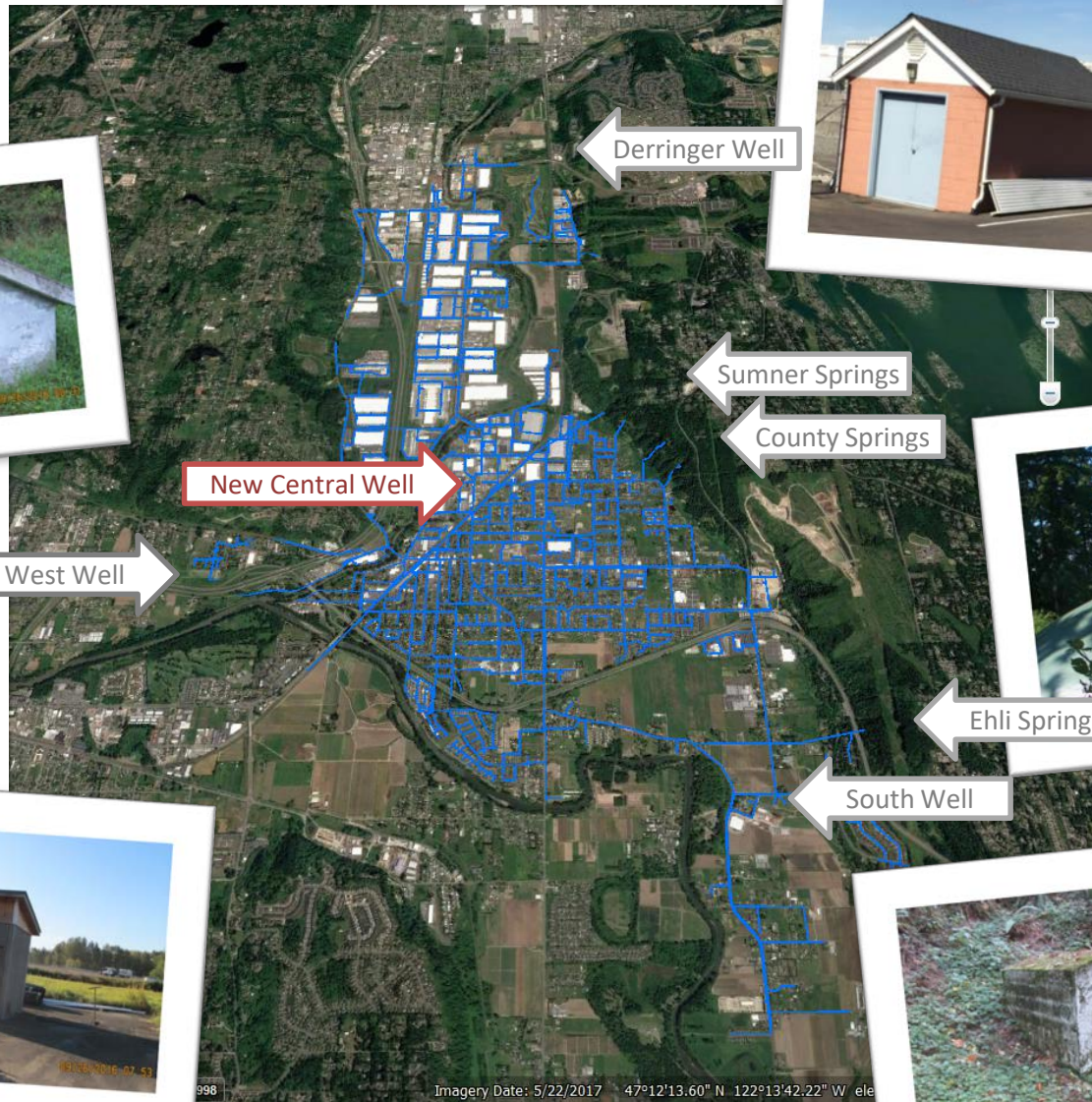


PIERCE COUNTY

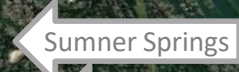
City of Sumner

- Confluence of Two Rivers [*White and Puyallup Rivers*]
- Between Two Indian Tribes [*Muckleshoot and Puyallup Nations*]
- Transected by Two Rail Lines [*BNSF and UPRR*]
- Sound Transit Hub [*Sounder Commuter Train Station and Regional Bus Service*]
- Terminus of Four State Highways [*SR 162, SR 167, SR 410, and SR 512*]
- City Residential Population of 10,000 [*Utility Service to 11,000 Residents*]
- Manufacturing Center and 15,000 jobs [*Pierce County's Largest Manufacturing Center*]
- Connection Point for Residential Development Growth [*Tehaleh and Lakeland Hills*]





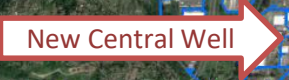
Derringer Well



Summer Springs



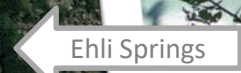
County Springs



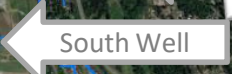
New Central Well



West Well



Ehli Springs



South Well



Water System Plans in 2004 and 2009 identified the need for additional water.

The City built a deep aquifer well as the most sustainable and environmentally responsible approach to address this need.

Water rights for this new well have been subject to a shifting regulatory environment due to the *Foster* case.

We are waiting for completion of the USGS's regional hydrogeological model to better identify impacts.



ESSB 6091 Part 3: Mitigation Sequence

- (a) Avoiding impacts by: (i) Complying with mitigation required by adopted rules that set forth minimum flows, levels, or closures; or (ii) making the water diversion or withdrawal subject to the applicable minimum flows or levels; or**
- White River is closed to new diversions.
 - Puyallup River's minimum flows are established by rule.
 - Impacts from deep aquifer wells, although muted, are dispersed over time and distance.

ESSB 6091 Part 3: Mitigation Sequence

(b) Where avoidance of impacts is *not reasonably attainable*, minimizing impacts by **providing permanent new or existing trust water rights** or through other types of replacement water supply resulting in no net annual increase in the quantity of water diverted or withdrawn from the stream or surface water body and no net detrimental impacts to fish and related aquatic resources; or

Existing Available Mitigation Water

- Seasonal Irrigation Rights Held in Trust
Available May through September
- Cascade Water Alliance's Regional Reserved Water
Subject to Minimum River Flows

Potential Mitigation Water

- Cascade Water Alliance's Tail Race Water
- Sumner Springs

*Mitigation water has variable geographic coverage in White River;
None of the Mitigation Water would affect the Puyallup River above the
confluence with the White River.*

ESSB 6091 Part 3: Mitigation Sequence

(c) Where avoidance and minimization are ***not reasonably attainable***, **compensating** for impacts by providing ***net ecological benefits*** to fish and related aquatic resources in the water resources inventory area through in-kind or out-of-kind mitigation or a combination thereof, that improves the function and productivity of affected fish populations and related aquatic habitat. ...



White River Restoration Draft Concept
Collaboration of the Puyallup Tribe, the
Muckleshoot Tribe, Pierce County,
and City of Sumner

[Legislative Grant, DOC Contract CD16-96503-040]